



Stantec

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October 28, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. David Lucas

Dear Mr. Lucas:

**Reference: CMRS Geospatial Audit
Butler County
P.O. Box 626
Morgantown, KY 42261**

The Geospatial Audit of Butler County located in Butler County was conducted on 9/9/2008. Butler County provides wireless 9-1-1 service for Butler County.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 specifies the requirements of mapping software used in certified PSAPs. The software used by Butler County does not meet this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 0% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 90% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component	<u>Does not meet audit criteria</u>
Field Data Component	<u>Does not meet audit criteria with</u> 0% of points tested meeting criteria
Wireless Data Component	<u>Meets audit criteria with</u> 90% of calls tested meeting criteria

Based on the results of the audit, Butler County does not meet the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

James B. Morse
GIS Project Manager
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Attachment: Report Details

c. Files

j v:\1756\active\175658008\gis\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name Butler County

Address P.O. Box 626

Audit Date 9/9/2008

City Morgantown

Audit Personnel MCCORMICK

Contact Nancy Cardwell

Contact Title Ambulance Service

Software	Version	Vendor
POWERMAP	3.0	POSITRON

Mapping Layers Used

Road Centerlines: ☒

Point Addresses: ☐

Ortho Photography: ☒

Other Layers: ☒ Type of 'other' layers used by PSAP:

The map software is Positron PowerMap, the version is 3.0 and the vendor is Positron. The map has 5 layers: Lyons, New (Image), Butler Roads, City -BND, County - BND, New Image Layer

Notes and Observations:

Observations and comments: (1) On our first visit (9/18/08) the equipment was not working properly and the PSAP could not print. (2) Previous to our visit - sometime earlier in the year the system had been struck by lightning. One of the computer systems had to be replaced, leaving one of the computers to have a window operation system using NT and the other using window XP. It was the XP system that was not functioning properly when we arrived. This system was corrected before our departure. (3) Also noted during or first visit was the rebid button did not function. (4) We asked the PSAP to contact us when the system was repaired and had a printer installed to capture the data from the audit. The Audit was re-scheduled for 9/19/07. (5) All address plotted to the centerline of the road.

The date of the last map update is unknown as well as the frequency of updates. The information for the maps is supplied by the Pennyrile Area Development District. It is unknown who has installed the information on the system in the past.

The data from the map and the wireless calls were obtained by Brian McKinney